

19971005.qrp v00_n869.qrs.971005

Date: Sun, 5 Oct 1997 19:03:11 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 869

QRP-L Digest 869

Topics covered in this issue include:

- 1) [28037] NW80-20: 40mtrs on the air, finally...
by amarriot@Direct.CA (Albert Daniel Marriott)
- 2) [28038] Re: Fox Hunt Bummed
by Monte Stark <ku7y@sage.dri.edu>
- 3) [28039] Re: Fox Hunt Bummed
by jdenison@morelr.com (JOEL DENISON)
- 4) [28040] Re: Squeal Vs. Insulated Battery
by Zack Lau <zlau@arrl.org>
- 5) [28041] High loop
by jdenison@morelr.com (JOEL DENISON)
- 6) [28042] Gone for a Week
by Monte Stark <ku7y@sage.dri.edu>
- 7) [28043] Re: FOX: Team Challenge DEADLINE/Standings
by Monte Stark <ku7y@sage.dri.edu>
- 8) [28044] TS-140 Thanks!
by "DANIEL DOBSON" <DAN DOBSON@classic.msn.com>
- 9) [28045] Is 10 open or what?
by NilsBull@aol.com
- 10) [28046] Re: Morse Code, Kids, and learning
by "Ken Hanks" <kennfd@ibm.net>
- 11) [28047] Fox: KB7MBI
by Ken Freedman <n1qqv@cshore.com>
- 12) [28048] Didn't Get FOX #2?????
by tahrens1@juno.com
- 13) [28049] East coast==>AL7FS @ 0230Z on 14.060
by "Jim, Nancy, Juliann, and Issei" <larsennnc@alaska.net>
- 14) [28050] Re: Morse Code, Kids, and learning
by "Basil (Darin) Arrick" <basila@OnRamp.NET>
- 15) [28051] Re: Nice German Kit!!!
by K5BDZ@aol.com
- 16) [28052] PRACTICE NOVICE RUN
by ARDUJENSKI@aol.com
- 17) [28053] Re: Sputnik
by "Ray Dennis" <w0dq@hotmail.com>
- 18) [28054] lookin for a team
by "Dean Marzocca" <n2tnn@ifu.net>
- 19) [28055] Re: I Need Digital VFO

- by George Gingell <k3tks@u1.abs.net>
- 20) [28056] Re: Morse Code, Kids, and learning
by Greg Pollard <cwgreg@worldnet.att.net>
- 21) [28057] Hands Electronics GQ-2000 all band CW xcvr
by "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>
- 22) [28058] New Kanga US web page
by "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>
- 23) [28059] TS-520 f/s
by David Smith <qrp-dave@ocsnet.net>
- 24) [28060] 38S
by "Steve Hurst" <shurst@magiclink.com>
- 25) [28061] Re: I Need Digital VFO
by Jim W7LS <w7ls@brigadoon.com>
- 26) [28062] Nigeria on 30m - Good luck!
by Joe Gervais <vole@primenet.com>
- 27) [28063] Need suggestion for QRP transceiver kit
by "Basil (Darin) Arrick" <basila@OnRamp.NET>
- 28) [28064] Re: Morse Code, Kids, and learning
by "W. Daniel, 9V1ZV" <daniel@pandora.lugs.org.sg>
- 29) [28065] Shortened beams and operating bandwidth
by "L. B. Cebik" <cebik@utkx.utcc.utk.edu>
- 30) [28066] Compare two QRP kits
by "Basil (Darin) Arrick" <basila@OnRamp.NET>
- 31) [28067] QRP Digest from LZ1ZZ
by n4so@juno.com (charles k brown)
- 32) [28068] More Centennial Fun (Long)
by "Ralph L. Irons" <rli8m@weyl.math.virginia.edu>
- 33) [28069] Attic Antennas
by Mike Martin <mmartin@internetni.com>
- 34) [28070] Re: Ham fest report
by w4bws@juno.com (Donald E Sanders)
- 35) [28071] Re: High loop
by w4bws@juno.com (Donald E Sanders)
- 36) [28072] Sputnik
by "Frank Emens" <femens@advicom.net>
- 37) [28073] FINAL REMINDER: ARS October Spartan Sprint
by "Richard E. Fisher" <ki6sn@pe.net>
- 38) [28074] Audio filter PF 300
by Larry Trullinger <kb0emb@swbell.net>
- 39) [28075] Re: Need Digital VFO
by Frank G3YCC <g3ycc@gqrpclub.demon.co.uk>
- 40) [28076] ARK4 Final
by n4js@amsat.org
- 41) [28077] AOLoser problem & request
by NilsBull@aol.com
- 42) [28078] HEY NILS !!!!!
by "Steve Hurst" <shurst@magiclink.com>
- 43) [28079] I'm the Fox for October 8, 00:00z to 02:00z

by "Wilford D. Lindsey" <70511.3041@compuserve.com>
44) [28080] Re: Compare two QRP kits
by randy_ott@juno.com

Date: Sat, 04 Oct 1997 15:17:45 -0700
From: amarriot@Direct.CA (Albert Daniel Marriott)
To: qrp-1@Lehigh.EDU
Subject: [28037] NW80-20: 40mtrs on the air, finally...
Message-ID: <E0xHe4T-0007iP-00@swiss.direct.ca>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I have just completed an integrated setup using the NW80-20 as the centre of it all (Dan's version). Thanks to Jeff Gold's for the mesasge about a short on the board, I would probably still be trying to find that one. Thanks Jeff!

Once together the xcvr works extremely well - very pleased.

I put the NW xcvr together with a Curtis 8044 chip (HB board) and a SCAF filter board from FAR - all in the same box. Put a meter for O/P strength. Spaeker in to box on the bottom (vented holes already there). Analog dial (used the face of a meter to cover the dial, and computer printed the scale). I put all this a a Hammond box measuring 4"X6"X10". Front panel contains a lot of controls: RIT, Variable pwr out, keyer speed with push-pull switch for tuning up, SCAF filter settings, VFO, on/off vol, meter, keyer paddle plug, and phones plug.

I am really pleased with this little rig and have already had bundles of fun on 40 mtr cw.

Just had to share this ... I'm the only one in this house who understands all this ... so you are the victims of my joy...thanks for the bandwidth!!

73

Dan
VE7CTN
amarriot@direct.ca

Date: Sat, 4 Oct 1997 16:59:11 -0700 (PDT)

From: Monte Stark <ku7y@sage.dri.edu>
To: John E Hirsch <w7rfrf@juno.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [28038] Re: Fox Hunt Bummed
Message-ID: <Pine.SUN.3.90.971004165556.15283A-100000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi John,

Don't even give it a second thought!

We have all wound up with a card coming back saying "Sri, not in log"!!

With fox #2 I thought he came back to me once and was busy sending my exchange to him when he came back on saying QRZ!

Those things just happen. There is only one sure thing about trying to do something.....it's not always going to come out the way you think!! When it doesn't, don't let it bother you. Just jump back up and try again!

cu in the pile-ups,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Sat, 4 Oct 1997 19:04:24 -0500 (CDT)
From: jdenison@morelr.com (JOEL DENISON)
To: qrp-l@Lehigh.EDU
Subject: [28039] Re: Fox Hunt Bummed
Message-ID: <199710050004.TAA13119@m20.morelr.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>A few days later when Tim posted his results I found that I was not on
>the list at the time that I ,thought, made contact.
>
>I would like to say that I am sorry for jumping on and making such a bold
>a statement with out having a confirmed fox.

>I listened on the next fox hunt and could hear the fox very well but did
>not even try for him, I was too Bummed out over the first one.

>
>john W7RFM
>

Dear Bummed errrr John :-)

Fear not oh fearless one as you are not the first to be in such a situation
with a fox or dx or state.

What one does need to fear is the wife who says she an't keeping
those vows and gets a lawyer to make u pay for it!!!!!!

mistakes are all part of the hobby and if one doesn't try, there can be no
mistakes or accomplishments!!!

Let one who has not smoked something know that the time is
coming.... so see John you got that problem (mistake not smoked) out of the
way early... !!!

Now you can concentrate on smoking sumtin... :-) 73 Joel

God Bless
Joel

WA5CVM	
Joel Denison	Gentle Lady (RC Sail Plane)(049 engine - high start)
81 High street	40 mtr dipole up 40ft
Farmington, Maine 04938	QRP ARCI 4066 NEW ENGLAND QRP 476 QRP-L 765
jdenison@morelr.com	AK/QRP 109

Date: Sat, 04 Oct 1997 20:14:27 -0400
From: Zack Lau <zlau@arrl.org>
To: qrp-l@Lehigh.EDU
Subject: [28040] Re: Squeal Vs. Insulated Battery
Message-ID: <3436DBE3.46AE@arrl.org>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Frank Matthews wrote:

The concept of "ground" can become rather nebulous when dealing with high gain or high current circuits. Unwanted feedback paths can often result through "ground" paths that aren't close enough to ideal. This is why many DC receiver designers opt for headphone output--its even possible for the magnetic field generated by the speaker to generate an unwanted feedback path... Zack W1VT--design of the QRP three bander, a triband QRP rig without a band switch.

>
> Why did the audio "squeal" when I laid the battery down in the tin?
> The whole tin is connected to ground. When I lifted it out it was fine but
> as soon as it came in contact with the tin...bang...there it was again.
> Solution....I simply put a few pieces of electrical tape around the battery
> (now it looks like military surplus) and waalaa!.....the squeal went away.

Date: Sat, 4 Oct 1997 19:16:39 -0500 (CDT)
From: jdenison@morelr.com (JOEL DENISON)
To: qrp-l@Lehigh.EDU
Subject: [28041] High loop
Message-ID: <199710050016.TAA13169@m20.morelr.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

High Their everybody :-)

I am moving to a new qth soon and from what I see of the trees I will get to put an eighty or forty meter horizontal loop up about 100'

Any ideas on what to expect out of this? the qth is built into a hill side, close to the bottom and will have the antenna a good 50 to 75 ft off the ground at any point. the top of the antenna should also be above the crest of this hillllll by a few feet, ten to thirty feet.

direction that is clear of obstructions is west of south to east of north... SW NE :-) The hill in back will block the east and south.

I would like to work some dx this winter on eighty and forty and wonder if this would be the antenna to go with. Also would this loop do me any good on 160mtrs?????

Thanks in advance
God bless
heart attack Joel

God Bless
Joel

WA5CVM

Joel Denison	Gentle Lady (RC Sail Plane)(049 engine - high start)
81 High street	40 mtr dipole up 40ft
Farmington, Maine 04938	QRP ARCI 4066 NEW ENGLAND QRP 476 QRP-L 765
jdenison@morelr.com	AK/QRP 109

Date: Sat, 4 Oct 1997 17:16:49 -0700 (PDT)
From: Monte Stark <ku7y@sage.dri.edu>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [28042] Gone for a Week
Message-ID: <Pine.SUN.3.90.971004171530.15320B-1000000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi All,

Just in case someone tries to contact me, I will be off the list for a week.

Will see you all later!

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Sat, 4 Oct 1997 17:32:17 -0700 (PDT)
From: Monte Stark <ku7y@sage.dri.edu>
To: Joe Gervais <vole@primenet.com>
Cc: qrp-l@Lehigh.EDU
Subject: [28043] Re: FOX: Team Challenge DEADLINE/Standings
Message-ID: <Pine.SUN.3.90.971004172032.15320E-1000000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 4 Oct 1997, Joe Gervais wrote:

> This very difficult matter will require *much* deep contemplation (I'm
> still looking for a good deal on a Timewave 599+ DSP *nudge nudge*) :-)

Notice the open hand.....just like a building inspector before
checking your work.....

> It gets worse -

Yep. We are going to get much farther ahead of you!

> Aluminum. HAH! Half the world can't even say it right. Second-rate
> material.

It's so nice to know that it's working.....you don't even know
about the magic Aluminum dance.....

All birds here have now been trained on Aluminum cleaning and
plating.....magic formula to increase the force of the radio
waves to levels even above the Force12 that this antenna starts
with!

> You'll be tearing those shiny trees down inside a month

Only if we wanted to give you a chance!

> And for three Timewave 599+ units, he'll consider

Wow, there's that hand again.....glad I'm not building down
there!

Go look at your antennas.....(your coper antennas! Theeehehehehe)
They are turning green with envy already!

And now I'm off to the boat! (And NO, I wasn't in the Navy so
it's a boat!)

Aluminum Rules!!!!!!

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada.....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Sat, 4 Oct 97 23:25:11 UT
From: "DANIEL DOBSON" <DAN DOBSON@classic.msn.com>
To: qrp-l@Lehigh.EDU
Subject: [28044] TS-140 Thanks!
Message-ID: <UPMAIL11.199710050041130741@classic.msn.com>

Thanks to all who responded to my question. Everyone had good results with the rig at both QRO and QRP levels. The only common complaint was the slide adjustment for changing the power level.
Looks like I may have found a winner!

73 Dan KG9KF

Date: Sat, 4 Oct 1997 21:06:55 -0400 (EDT)
From: NilsBull@aol.com
To: QRP-L@Lehigh.EDU
Subject: [28045] Is 10 open or what?
Message-ID: <971004210654_-93874711@emout11.mail.aol.com>

Gang,

I got up this morning and went out shopping with Cindy. That means that we left the house about 11 a.m. and got back around 3:30. Mirrors. You gotta have mirrors over tables or the room is unbalanced. Kinda like a coax fed antenna, I guess.

I went to Rogers and bought a bunch of junk that I blew up and had to go back and get again. But the first time, Cid went across the street to a place called "Tienda Latina," except that they want checks made out to Donisa's Memories or something. I got a CD of Rey Ruiz and one of Mercedes Sosa. Borinquenio y Argentina. Que bueno, no?

Then I built a power supply for the radio box of whatever. Twice. Remember, I blew up the first handful of parts. Anyway, while I was building and blowing up, I had the Argosy on. Hooked to the wire what the termites or hornets or

whatever's up in the attic ain't ett yet. Some kind of contest, I guess. But what was cool was all the KP4s that were on. In the other room Rey Ruiz is singing and in the clutter room with the dead power supply parts, I'm hearing guys I ain't talked to in years. And some new ones too.

I had to finish the power supply, see? It was like a goal, dammit. So now it's being tested for flames and we'll see what happens. I think it needs some current limiting or something. Damn thing gets pretty hot. Not as hot as the VLF transmitter transistor burn, but close.

So tomorrow, like some kind of Mothers of Invention cut, I'm gonna get up early -- temprano en la madrugada, dudes -- and see what's on 10m. Otter be interesting. Maybe even clean up the clutter room while I'm listening around. Find the desk. Hook up the key. Stuff like that.

Blew me away. . . CW on 10 meters again.

Que buena la vida, dudes.

Nos vemos en el aire, no?

73
Nils
WB8IJN &c
(ex WP4DKA)

Date: Sat, 4 Oct 1997 21:18:42 -0400
From: "Ken Hanks" <kennfd@ibm.net>
To: <qrp-1@Lehigh.EDU>
Subject: [28046] Re: Morse Code, Kids, and learning
Message-ID: <199710050120.BAA131434@out1.ibm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

My oldest child, Tim, is almost 3. When we go into my shack, he grabs the Bencher paddles, squeezes them and yells out "Morse code!" He then likes to hear me send his name.

I bet he will copy faster than me in a few years.

Ken K1XS@ibm.bet

Date: Sat, 04 Oct 1997 21:51:07 -0400
From: Ken Freedman <n1qqv@cshore.com>
To: qrp-1@Lehigh.EDU
Subject: [28047] Fox: KB7MBI
Message-ID: <3.0.32.19971004214939.007d41f0@cshore.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Gang,

Was able to work Alan, KB7MBI, from the east coast tonight. Not strong, but do-able. Unless the rules have been changed, Novice Foxes are worth 5 regular ones! Good luck.

73, Ken

Ken Freedman
AKA: N1QQV/QRP VE, EC Madison CT, QRP-L
Living Proof That, "You don't have to be a blonde to be light headed!"

Date: Sat, 04 Oct 1997 21:56:37 EDT
From: tahrens1@juno.com
To: qrp-1@Lehigh.EDU
Subject: [28048] Didn't Get FOX #2?????
Message-ID: <19971004.205623.4935.1.tahrens1@juno.com>

Well, here it is Saturday night, and I have a grand total of 14 folks who didn't get Brian the other night... guess I oughta get a different radio.. the 940 sure seemed to be hearing a bunch of folks calling. But, I guess if you count the 60+ folks that got him, plus the 14 that didn't, guess that equals a pretty good bee buzz.

please note the sarcasm! hehe

Anyhow, would still like to hear from those who didn't get Brian the other night, just to get an idea of how many people were playing!

Please no message, just the Subject line of FOX: YES

thanks,

Tim W5FN

Date: Sat, 04 Oct 1997 18:36:52 -0800
From: "Jim, Nancy, Juliann, and Issei" <larsennnc@alaska.net>
To: qrp-1@Lehigh.EDU
Subject: [28049] East coast==>AL7FS @ 0230Z on 14.060
Message-ID: <3436FD44.6D80@alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Well, the beacon from 4UN or whatever is copiable at the 1 watt level.
There is a 599 K4 on 14.060. Called CQ at 14.061.5 but no takers at
0230Z Band still open. Nice.

--

73, Jim, AL7FS

--

Jim Larsen
Anchorage, Alaska
Acupressure Anchorage
AL7FS ex-WA0LPK / KL7
2 meter WAS #36
Vision VR40 Recumbent Bike
<http://www.servcom.com/worcester/chat.htm> QRP Chat

Date: Sat, 4 Oct 1997 22:02:14 -0600
From: "Basil (Darin) Arrick" <basila@OnRamp.NET>
To: qrp-1@Lehigh.EDU
Subject: [28050] Re: Morse Code, Kids, and learning
Message-ID: <199710050253.VAA25741@mailhost.onramp.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

> My oldest child, Tim, is almost 3. When we go into my shack, he grabs the
> Bencher paddles, squeezes them and yells out "Morse code!" He then likes to
> hear me send his name.
>

> I bet he will copy faster than me in a few years.

Aaron, my 2.5 year old, heard me calling CQ (SSB) one day. Now, everytime he sees a mike, he picks it up, holds it to his mouth, and says "CQ CQ CQ". My wife asked me, "What have you done to our child?! ;-)" That's OK with her, though. She wants him to learn worthwhile things like radio theory, computers, art, music, etc. We're going to homeschool, so this will be great. :-)

Basil, KB5KHR

```
+-----+
| Basil (Darin) Arrick | P.O. Box 820054, North Richland Hills, TX, 76182 |
+-----+
| basil@orthodox.net   | Orthodox Christian   | http://www.orthodox.net |
| basil@homestead.org  | Homesteader/Farmer   | http://www.homestead.org |
| ICQ # 3352463        | ICQ User             | http://www.mirabilis.com |
|                      | Microsoft NetMeeting | ils.family.four11.com    |
|                      | Amateur (Ham) Radio  | EM13ja                   |
+-----+
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Date: Sat, 4 Oct 1997 22:55:54 -0400 (EDT)
From: K5BDZ@aol.com
To: ke3nv@erols.com, qrp-1@Lehigh.EDU
Subject: [28051] Re: Nice German Kit!!!
Message-ID: <971004225527_172119014@emout15.mail.aol.com>

Scott

I brought back the boards from Germany last year and built it. Have not yet finished it. On my boards, using US parts, most of the transistors pinouts were 180 degrees off from the German counterpart shown on the silkscreen. If you have a kit that includes the German (Euro) parts, you're probably OK. A friend outside of Munich built one and his works GREAT!
Keep me posted on your T20
Bill, K5BDZ
k5bdz@aol.com

Date: Sat, 4 Oct 1997 23:00:19 -0400 (EDT)
From: ARDUJENSKI@aol.com
To: qrp-1@Lehigh.EDU
Subject: [28052] PRACTICE NOVICE RUN

Message-ID: <971004225939_-328403900@emout16.mail.aol.com>

Well.....

I am glad to have gotten the butterflys out before tomorrow. I suggest other N/T+ take a practice run also. Lets see if I can put simply:

1. When "zero hour" hit I heard many stations and my mind went blank
2. After the third station the band started to fade
3. All other hams must have thought this was "manna from heaven" because with all these stations from coast to coast in one spot the QROs jumped in.
4. I managed to get 5 QRP and several QRO in the hour. KA5T, AL7FS, N1QQV, KE0WW, K6DKE....So AK to CT in a 30 minute spread.

If I missed some of you (probably plenty) cud you atleast hear my sig? A RST and any comments? It was great to have a lot of QRPers in one area without a real madhouse....THANKSAlan KB7MBI

Date: Sat, 04 Oct 1997 20:14:37 PDT
From: "Ray Dennis" <w0dq@hotmail.com>
To: w4stx@gte.net
Cc: qrp-1@Lehigh.EDU
Subject: [28053] Re: Sputnik
Message-ID: <19971005031438.16804.qmail@hotmail.com>
Content-Type: text/plain

>Date: Sat, 04 Oct 1997 15:46:58 -0700
>Reply-To: w4stx@gte.net
>From: William Penhallegon <w4stx@gte.net>
>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
>Subject: Re: Sputnik
>
>QRP-Lers,
>
>Excuse the bandwidth and the not strictly QRP subject.
>On the 40th anniversary of Sputnik I found my old QSL from the USSR for
>copying the signal. Does anyone remember the frequency and cw
>characters sent by Sputnik as it passed over? Does anyone know the
>Russian translation on the back of the card? I
>would surely like to know.
>
>Tnx es 73, Bill w4stx@gte.net
>
>

The frequency was very close to 20Mhz. Close enough that you could sometimes hear WWV. I would say plus or minus 4Khz from 20Mhz (Kilocycles and Megacycles back then).

I don't remember any code -- as I remember, it just beeped. One of the things that amazed me was the doppler frequency shift. During a pass, it would shift several Khz. Obviously, we became more familiar with this with the Oscars.

Ray W0DQ

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Sat, 4 Oct 1997 23:29:03 -0400
From: "Dean Marzocca" <n2tnn@ifu.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [28054] lookin for a team
Message-ID: <199710050330.XAA20742@ifu.ifu.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

 cw op searching for team,
has gud antenna(s)
gud rig
time to play (hunt)
gud aim
gud ears

but no team to play with

send all offers, serious ones will be considered
send your last years fox tally if available

72/73 de Dean N2TNN NJ
n2tnn@ifu.net

Date: Sat, 4 Oct 1997 23:59:04 -0400 (EDT)

From: George Gingell <k3tks@u1.abs.net>
To: Jeff Jones <jeffj@crl.com>, Brian Buydens <buydens@duke.usaka.ca>
Cc: QRP List <qrp-l@Lehigh.EDU>, G-QRP Club E-mail Reflector <gqrp-l@blacksheep.org>
Subject: [28055] Re: I Need Digital VFO
Message-ID: <Pine.BSI.3.96.971004232813.25326A-100000@u1.abs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I think you were referring to the Winter 1996/7 Issue #89 of SPRAT.

The cover shows "The G4OPE Direct Digital Synthesiser" a club Kit.
The article appears on page 15 by Mick Hodges, G4OPE, 40 Ennersdale Rd.
Coleshill, Birmingham. B46 1EP ENGLAND.

It is offered to G-QRP Club Members at L 105.00 + Post & Ins L - 5.00
DX Postage L 11.00 Europe L 6.00 Cheques to G-QRP Club. Visa/Mastercard
available to overseas members. Include Card Number/expire date, Name,
Callsign, Club Number.

Orders to Mr. Ian Wye, G0OKY, New House, Hook Road. Amcotts, Nr.
Scunthorpe. DN17 4AZ ENGLAND.

Another fine DDS VFO is Offered by HANDS Electronics,
Tegryn, Llanfyrnach, Pembrokeshire SA35 0BL
Telephone 01239 698427 e-mail <hands@rf-kits.demon.co.uk>
also <<http://www.rf-kits.demon.co.uk>> Hands offers a complete line
of Quality QRP Transceiver Kits. Such as the GQ2000 Multiband CW
Transceiver as seen in SPRAT.

They also appear to offer the DISP2 by G4OPE.

For those in U.S.A., I recommend that you contact Bill Kelsey, N8ET
of Kanga U.S. <kanga@bright.net> or <<http://qrp.cc.nd.edu/kanga/>>
Bill can supply the Full Range of Hands Kits along with a host of other
fine products and QRP Books.

May the Force {QRPp} be with you!

72 ES

QRP DX TU (C) 1986, G. "Danny" Gingell, K3TKS@ abs.net
QRP A.R.C.I. Net Manager and Board of Director Member.
Maryland Milliwatt Club QRP Reference Library, (301)572-6789
Maryland Milliwatt Club Founder and Trustee of Club Station KB3BVG
Grid Square FM19mb 76.94 W - 39.06 N Silver Spring, MD 20904 QRPea.A.

Date: Sun, 05 Oct 1997 00:48:13 -0400
From: Greg Pollard <cwgreg@worldnet.att.net>
To: qrp-1@Lehigh.EDU
Subject: [28056] Re: Morse Code, Kids, and learning
Message-ID: <3.0.1.16.19971005004813.0997597c@postoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 04:02 AM 10/5/97 +0000, you wrote:

>
>> My oldest child, Tim, is almost 3. When we go into my shack, he grabs the
>> Bencher paddles, squeezes them and yells out "Morse code!" He then likes to
>> hear me send his name.
>>
>> I bet he will copy faster than me in a few years.
>
> Aaron, my 2.5 year old, heard me calling CQ (SSB) one day. Now, everytime
>he sees a mike, he picks it up, holds it to his mouth, and says "CQ CQ CQ".
>My wife asked me, "What have you done to our child?! ;-)" That's OK with
>her, though. She wants him to learn worthwhile things like radio theory,
>computers, art, music, etc. We're going to homeschool, so this will be
>great.
>:-)
>
>Basil, KB5KHR
>
FB on Homeschooling, we have a girl 8 and a boy 4 that we homeschool and
they are exposed to morse and radios all the time. I don't want to push too
much, our boy is showing more interest in radio so far and my girl just
rolls her eyes when she hears dad talk about antennas again and again. With
homeschooling they learn very real things that have substance.

73
Greg W8XP

Date: Sun, 5 Oct 1997 05:44:12 -5
From: "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>
To: qrp-L@Lehigh.EDU
Subject: [28057] Hands Electronics GQ-2000 all band CW xcvr
Message-ID: <199710050448.AAA00049@sparticus.bright.net>
MIME-Version: 1.0

Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

My new web page includes information on the new Hands GQ-2000 all band CW xcvr that has been featured in the past several issues of SPRAT.

www.bright.net/~kanga/kanga/hands.htm

73 - Bill - N8ET
Kanga US
kanga@mail.bright.net
<http://www.bright.net/~kanga/>
419-423-4604

Date: Sun, 5 Oct 1997 05:44:12 -5
From: "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>
To: qrp-1@Lehigh.EDU
Subject: [28058] New Kanga US web page
Message-ID: <199710050448.AAA00042@sparticus.bright.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

I have set up a new web page at:

www.bright.net/~kanga/kanga/

The entire Kanga US catalog is available.

It includes information on the new Hands GQ-2000 all band CW transceiver that has been featured in the past several issues of SPRAT.

73 - Bill - N8ET
Kanga US
kanga@mail.bright.net
<http://www.bright.net/~kanga/>
419-423-4604

Date: Sat, 04 Oct 1997 22:33:26 -0700
From: David Smith <qrp-dave@ocsnet.net>

To: QRP-L@Lehigh.EDU
Subject: [28059] TS-520 f/s
Message-ID: <B0000050708@ntserv1.ocsnet.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I know that this is not QRP related, but the \$ will go to QRP gear. Have a TS-520 with cw filter, mic, and is in very good cndx. Asking \$225. Will entertain reasonable offers. Thanks for the bandwidth.

QRPDave@ocsnet.net

Date: Sat, 4 Oct 1997 23:56:43 -0600
From: "Steve Hurst" <shurst@magiclink.com>
To: <qrp-l@Lehigh.EDU>
Subject: [28060] 38S
Message-ID: <199710050549.BAA49919@nss2.CC.Lehigh.EDU>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

QRP Gang,

After a few months leave from the list, I am back on !!!! My wife and I recently purchased a new home on ten acres, we love it !!!! Although I have not put up any type of antenna's YET and I'm about ready to go crazy hearing about you's guy's working other stations ! The www is fun , but it aint RADIO !!! Must be something about the static or something . Anyway , I saw a post a few days ago about an encloser for the 38 Special from a K6 ???? My 38S has been sitting "naked" for several months now and I think it is time to put it in a box of some sort. So , can someone direct me to the URL of the manufacture or personal web pages which show these neat little box'es ? BTW, if you have not seen my web page or if you have in the past , please view it again as I have added a few other things. Plus I've given it a face lift and remodeled the place, so check it out and let me know how you like it . Many tnx !!

73,
Steve Hurst
KA7NOC (southern Idaho)
shurst@magiclink.com
<http://www.magiclink.com/web/shurst>

Date: Sat, 4 Oct 1997 22:53:15 -0700 (PDT)
From: Jim W7LS <w7ls@brigadoon.com>
To: k3tks@u1.abs.net, qrp-1@Lehigh.EDU
Subject: [28061] Re: I Need Digital VFO
Message-ID: <199710050553.WAA21580@k2.brigadoon.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

May the "Force"? be with you? Eh? I saw the movies and know what you mean, but allow me to expand on that salutation, if I may.....

To have a force, one must have a test particle, at least. Ergo, the driving energy of the mega-whatever would need to have an object to act on, giving variable 'forces'. The essence of the mega-whatever would be found more rightly in the 'field'. A field conveys energy in and of itself. And so now, I boldly restate the salutation as.....AHEM!.....

"May the field be with you, Luke Skywalker"

: -)

de Jim, W7LS

At 11:59 PM 10/4/97 -0400, you wrote:

>I think you were referring to the Winter 1996/7 Issue #89 of SPRAT.

>

>The cover shows "The G40PE Direct Digital Synthesiser" a club Kit.

>The article appears on page 15 by Mick Hodges, G40PE, 40 Ennersdale Rd.

>Coleshill, Birmingham. B46 1EP ENGLAND.

>

>It is offered to G-QRP Club Members at L 105.00 + Post & Ins L - 5.00

>DX Postage L 11.00 Europe L 6.00 Cheques to G-QRP Club. Visa/Mastercard

>available to overseas members. Include Card Number/expire date, Name,

>Callsign, Club Number.

>

>Orders to Mr. Ian Wye, G00KY, New House, Hook Road. Amcotts, Nr.

>Scunthorpe. DN17 4AZ ENGLAND.

>

>Another fine DDS VFO is Offered by HANDS Electronics,

>Tegryn, Llanfyrnach, Pembrokeshire SA35 0BL

>Telephone 01239 698427 e-mail <hands@rf-kits.demon.co.uk>

>also <<http://www.rf-kits.demon.co.uk>> Hands offers a complete line

>of Quality QRP Transceiver Kits. Such as the GQ2000 Multiband CW

>Transceiver as seen in SPRAT.

>

>They also appear to offer the DISP2 by G40PE.

>

>For those in U.S.A., I recommend that you contact Bill Kelsey, N8ET
>of Kanga U.S. <kanga@bright.net> or <<http://qrp.cc.nd.edu/kanga/>>
>Bill can supply the Full Range of Hands Kits along with a host of other
>fine products and QRP Books.
>
>May the Force {QRPP} be with you!
>
>72 ES
>QRP DX TU (C) 1986, G. "Danny" Gingell, K3TKS@ abs.net
>QRP A.R.C.I. Net Manager and Board of Director Member.
>Maryland Milliwatt Club QRP Reference Library, (301)572-6789
>Maryland Milliwatt Club Founder and Trustee of Club Station KB3BVG
>Grid Square FM19mb 76.94 W - 39.06 N Silver Spring, MD 20904 QRPea.A.
>
>
>
>

Date: Sat, 4 Oct 1997 23:32:47 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: qrp-1@Lehigh.EDU
Subject: [28062] Nigeria on 30m - Good luck!
Message-ID: <199710050632.XAA23003@usr03.primenet.com>

Howdy Folks,

Well shoot, maybe one of you night owls will have better luck than me. 5N3/SP5XAR (Nigeria) is weak but solid copy here in AZ, but I'll be darned if I can get him to hear me. Time is 0614Z, Place is 10.108.3 MHz.

First AF station I've ever heard - sure wish I had stacked monobanders on 30m! Well heck, *any* band for that matter.... :-)

At least I got a quick chat with Bob AA8Y0 tonight. Thanks Bob. 10w is close enough to QRP for me. ;-)

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"Veni Vertical Vamos - I came, I radiated, I left". -AB7TT

Date: Sun, 5 Oct 1997 02:49:02 -0600
From: "Basil (Darin) Arrick" <basila@OnRamp.NET>
To: qrp-1@Lehigh.EDU
Subject: [28063] Need suggestion for QRP transceiver kit
Message-ID: <199710050741.CAA13748@mailhost.onramp.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

I would like to put together a little QRP CW transceiver, probably for 30 meters. I would like it to have some bells and whistles, like built in K1EL keyer, SWR/Wattmeter (LED?), etc. It would be built into a little enclosure, maybe 2"Hx5"Wx6"D or something like that. This is my first kit project, so the "chunks" need to be kits. It should be fun and educational for me, not frustrating.

What would be a good transceiver to base this on? I was going to use the 38 Special, but that is no longer an option. What about the Pixie II? It's cheap, and people seem to like it. I could even add the mods from Doug, W1FB, (audio filter and transmit offset) and maybe an amplified speaker. I was thinking about the Small Wonder Labs GM-30, or maybe even the Ten-Tec \$100 QRP kit at first, but I'm really low on cash, so those probably aren't options right now.

So, what are the suggestions for a small, cheap, and simple-to-construct transceiver kit, along the lines of the Pixie II/38 Special/49er/etc., that would be good for this project?

Thanks a bunch for your help.

Basil, KB5KHR
QRP-L #1236

+-----+		
Basil (Darin) Arrick	P.O. Box 820054, North Richland Hills, TX, 76182	
+-----+		
basil@orthodox.net	Orthodox Christian	http://www.orthodox.net
basil@homestead.org	Homesteader/Farmer	http://www.homestead.org
ICQ # 3352463	ICQ User	http://www.mirabilis.com
	Microsoft NetMeeting	ils.family.four11.com
KB5KHR	Amateur (Ham) Radio	EM13ja

+-----+-----+-----+

Date: Sun, 05 Oct 1997 18:54:28 +0800
From: "W. Daniel, 9V1ZV" <daniel@pandora.lugs.org.sg>
To: basila@OnRamp.NET
Cc: qrp@pandora.lugs.org.sg
Subject: [28064] Re: Morse Code, Kids, and learning
Message-ID: <343771e6.pandora@pandora.lugs.org.sg>

On Sat, 4 Oct 1997 22:02:14 -0600, "Basil (Darin) Arrick" <basila@OnRamp.NET> wrote:

>
> > My oldest child, Tim, is almost 3. When we go into my shack, he grabs the
> > Bencher paddles, squeezes them and yells out "Morse code!" He then likes to
> > hear me send his name.
> >
> > I bet he will copy faster than me in a few years.
>
> Aaron, my 2.5 year old, heard me calling CQ (SSB) one day. Now, everytime
> he sees a mike, he picks it up, holds it to his mouth, and says "CQ CQ CQ".
> My wife asked me, "What have you done to our child?! ;-)" That's OK with
> her, though. She wants him to learn worthwhile things like radio theory,
> computers, art, music, etc. We're going to homeschool, so this will be great.
> :-)

Something like that happened to me when my kid was about 1.5 years old. I was travelling on a bus and working the repeater on my HT. All of a sudden I heard the voice of my daughter calling CQ!!! Apparently she had walked into the shack and heard my voice on the radio and picked up the microphone and did what came naturally! I had to tell her to stop and get a license first! :-)

73 de 9V1ZV Daniel

--

+-----+-----+-----+
Daniel Wee	daniel@pandora.lugs.org.sg
9V1ZV	
QRP-L #667	9V1ZV@amsat.org
+-----+-----+-----+

Date: Sun, 5 Oct 1997 08:17:41 -0400 (EDT)
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>

To: towertalk@contesting.com, antennas@qth.net, QRP-L List <qrp-l@Lehigh.EDU>
Subject: [28065] Shortened beams and operating bandwidth
Message-ID: <Pine.SOL.3.94.971005080611.19194A-100000@utkux4.cas.utk.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Some discussions on the lists about competing designs for shortened (half-element length) 40-meter 2-element beams suggested to me that perhaps some folks are not familiar with the basic elements that go into designing such antennas. So I made up a little tutorial, using the title in the subject line, and put it at my web site.

The discussion is NOT about existing commercially made designs, but about principles of design, including loading methods and their effects, notes on in what ways where you make the measurements affects the operating bandwidth, position of loads, and the relationship of performance peak frequencies to antenna resonant frequency with respect to operating bandwidth.

The idea is hopefully to give the reader some insight into what the design goals of various antenna are and what design compromises may occur along the way to meet an overall goal. With that in mind, and mixing in operator needs and desires, more optimal purchase (or construction) decisions might be reached. Short of that, perhaps the colorful graphs may be entertaining.

I hope the notes are useful to some.

-73-

LB, W4RNL

L. B. Cebik, W4RNL	/\	/\	*	/	/	/	(Off)(423) 974-7215
1434 High Mesa Drive	/	\	\	\	----	/\---	(Hm) (423) 938-6335
Knoxville, Tennessee	/\	\	\	\	/	/ /	(FAX)(423) 974-3509
37938-4443 USA	/	\	\	\			cebik@utk.edu
URL: http://funnelweb.utcc.utk.edu/~cebik/radio.html							

Date: Sun, 5 Oct 1997 09:19:29 -0600
From: "Basil (Darin) Arrick" <basila@OnRamp.NET>
To: qrp-l@Lehigh.EDU

Subject: [28066] Compare two QRP kits
Message-ID: <199710051411.JAA00724@mailhost.onramp.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Could someone compare for me the Small Wonder Labs GM-30 and the Ten-Tec 1330 30M kits? The Ten-Tec, although \$20 more, seems to be a good deal, as you get a case, knobs, etc., with it. How does everything else compare? Power out? Quality? Receiver sensitivity and selectivity? Etc.

Thanks.

Basil, KB5KHR

Basil (Darin) Arrick	P.O. Box 820054, North Richland Hills, TX, 76182
basil@orthodox.net	Orthodox Christian http://www.orthodox.net
basil@homestead.org	Homesteader/Farmer http://www.homestead.org
ICQ # 3352463	ICQ User http://www.mirabilis.com
	Microsoft NetMeeting ils.family.four11.com
KB5KHR	Amateur (Ham) Radio EM13ja

Date: Sun, 05 Oct 1997 10:43:24 EDT
From: n4so@juno.com (charles k brown)
To: qrp-l@Lehigh.EDU
Subject: [28067] QRP Digest from LZ1ZZ
Message-ID: <19971004.214025.4391.13.n4so@juno.com>

The October QRP Digest is on this computer if you want a copy.
It has various articles from Europe/USA and DX information and is sent from Harry in Bulgaria.
The file size is about 29,000 bytes.
Ask for qrpdig.txt

Ken Brown, N4SO
QTH nr Mobile, AL/ EM50tk
qrp-l #622
n4so@juno.com

Date: Sun, 5 Oct 1997 10:46:51 -0400 (EDT)
From: "Ralph L. Irons" <rli8m@weyl.math.virginia.edu>
To: qrp-1@Lehigh.EDU
Subject: [28068] More Centennial Fun (Long)
Message-ID: <Pine.A32.3.93.971005104433.10964A-100000@weyl.math.Virginia.EDU>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I recently returned to the business of stabilizing the Centennial VFO. My version of the Centennial had been pretty stable on receive, and stable enough during transmit for casual SSB work, but not for lengthy SSB transmissions, or anything other than contest-type CW transmissions. It was clear that heating during transmit was causing drift.

The Centennial's spacious PCB made it a cinch to build, and also makes it easy to modify. Here's where a guy is happy his board does NOT have plated through holes!

I had already secured the VFO coil with nail polish, shortened all leads, and tried replacing the MV209 tuning diode. Also I had experimented with leaving power connected to rf circuitry during receive to minimize the change in temperature during transmit, and ventilating the cabinet. None of these measures significantly reduced transmit drift.

I decided to try Ed Pacyna's suggestion of reading Wes Hayward's article "Measuring and Compensating Oscillator Frequency Drift" in the December 1993 issue of QST. Hayward shows how to build a really simple environmental chamber to heat a VFO, how to use it to make useful measurements of drift, and how to compensate for drift by replacing NPO capacitors with others which have known nonzero temperature coefficients.

The first step in employing Hayward's method for stabilizing VFOs is to measure the TEMPERATURE COEFFICIENT OF FREQUENCY (TCF) of the VFO. This is done by heating the VFO in an environmental chamber over a 10 - 15 degree Celsius range, measuring the frequency of the VFO during the change.

Hayward's article gives plans for a simple chamber, and for a digital thermometer. I used an even simpler chamber. Our coffee maker died recently, and there was a sale at K-mart, so my chamber is a cardboard "Mr. Coffee" box. An outdoor alcohol thermometer was used instead of the neat digital thermometer Hayward builds in his article. Also, I used my FT-890 with its 500 Hz CW filter to listen to the VFO near 9 MHz, instead of the frequency counter the article recommends.

I popped open the Centennial, set the VFO roughly midrange, taped some

cardboard over the VFO and bulb of the thermometer to prevent radiation heating by the 60 W lamp inside the chamber, then took frequency measurements at 23 C, 28 C, 33 C and 37 C. I repeated measurements at roughly these temperatures several times. Plotting the measurements, it was evident that at 37 C, the relationship between temperature and frequency was no longer linear. I decided to restrict myself to the 10 degree range in which linearity was observed.

The Centennial had a TCF of about -35 ppm/C. (At 9 MHz, this is a downward drift of about $9 \times 35 = 315$ Hz per degree Celsius increase in temperature.) Now that's a pretty hefty TCF. Hayward's article discusses compensation for VFOs with coefficients more like -10 ppm/C. This case really pushes the limits. I decided to try it anyway.

Since the VFO TCF is opposite in sign and one half the magnitude of the net temperature coefficient (TC) of its components, my VFO's components had a net TC of +70 ppm/C. So I would need to introduce -70 ppm/C into the VFO circuit. This is done by replacing drift-free NPO capacitors with components having known negative TCs. Hayward's article gives equations for figuring out how to do this, but I wasn't sure how to apply them to the NE602 VFO design. I opted for the empirical approach.

I first tried replacing the 330 pf NPO capacitor C45 with an N750 component having a TC of -750 ppm/C. Hayward does not recommend using compensating capacitors with such large temperature coefficients. In this case, though, it might be difficult to get ENOUGH compensation using components with the lower coefficients he recommends. Also, there's the Junk Box Factor. I had some N750 components in my junk box, and none of the polystyrene caps Hayward recommends.

Back into the "Mr. Coffee" environmental chamber. The VFO TCF had dropped down to -16 ppm/C. By now, I was smiling.

Next, I replaced the 100 pf NPO capacitor C62 (in series with the MV209) with an N750 component. More tests in the chamber said that the TCF had dropped to -0.1 ppm/C !

Unfortunately, the TCF of the VFO is not uniform across its range. It is great at midrange, close to the frequency of the KnightLite Net (3686 KHz). It is up to -2 ppm/C around 3947 KHz, the frequency of the Virginia Fone Net. It is a whopping -61 ppm/C down around 3450 KHz.

My theory is that the MV209 (with its TC of 440 ppm/C), contributing more capacitance to the circuit at low frequencies, drives the TCF up in magnitude at the low end of the VFO range. The difference between my midband and upper edge measurements (about 2 ppm/C) is probably within the amount of variability in measurement to be expected from

my primitive setup.

I'd have a better idea of how the VFO's performance has changed if I had made TCF measurements near the ends of its range, as well as midband, prior to replacing components.

What do these changes mean in practice? If I ventilate the cabinet with a fan, I now have very stable CW operation in the middle of the band, for operating on the KnightLite Net and working Pixies near 3686 KHz. The fan minimizes VFO heating during transmit, and the low TCF yields a residual thermal drift too small to be detected by ear.

Also, at the upper end of the band, I now make extended comments on both the VFN and the Chapter 126 QCWA net without forcing listeners to hunt for their RIT knobs (a sin on SSB nets).

Down near 3500 KHz, though, even with ventilation, thermal drift remains quite noticeable. Perhaps over Christmas break I'll experiment with switching in additional negative TC components for operation on the low end of the band.

72, Ralph N7RI
Charlottesville VA

Date: Sun, 05 Oct 1997 11:41:46 -0500
From: Mike Martin <mmartin@internetni.com>
To: qrp-l@Lehigh.EDU
Subject: [28069] Attic Antennas
Message-ID: <3437C349.1D11906F@internetni.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi all! I'm new to your club, and I was wondering if any of you are using attic antennas.

Have you had any luck with ladder-line feeds?

Also, I currently am using a Kenwood TS-430S & Icom IC-706. Does anyone know how low these rigs will go for QRP?

Date: Sun, 05 Oct 1997 13:23:27 EDT
From: w4bws@juno.com (Donald E Sanders)
To: kd1jv@moose.ncia.net
Cc: qrp-1@Lehigh.EDU
Subject: [28070] Re: Ham fest report
Message-ID: <19971005.133715.2095.5.W4BWS@juno.com>

Let's all give a big sigh in honor of all the neat "junque" we all have accumulated.

Donald E. Sanders W4BWS
694 E. Eau Gallie Blvd. Satellite Beach, Fl 32937
407-779-0222 Fax 407-779-0830
E-mail to w4bws@juno.com
My favorite QRP rig glows in the dark

Date: Sun, 05 Oct 1997 13:23:28 EDT
From: w4bws@juno.com (Donald E Sanders)
To: jdenison@morelr.com
Cc: qrp-1@Lehigh.EDU
Subject: [28071] Re: High loop
Message-ID: <19971005.133715.2095.6.W4BWS@juno.com>

You should expect good results with the loop up that high-while 80 will still have a high angle component, there will be more incidental lower angle escape to allow longer distance contacts. My loop at 50 feet I thought was outstanding.
The loop will work on 160 if you tie the open wire feed together and feed it as a end feed wire-It will be like a "L" antenna-you will need a counterpoise.

Donald E. Sanders W4BWS
694 E. Eau Gallie Blvd. Satellite Beach, Fl 32937
407-779-0222 Fax 407-779-0830
E-mail to w4bws@juno.com
My favorite QRP rig glows in the dark

Date: Sun, 5 Oct 1997 12:50:10 +0000

From: "Frank Emens" <femens@advicom.net>
To: w4stx@gte.net
Cc: qrp-l@Lehigh.EDU
Subject: [28072] Sputnik
Message-ID: <199710051810.NAA14231@vespucci.advicom.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Agree the Sputnik was within a few kHz of 20 MHz. If I remember correctly it was just sending a series of beeps with some crude telemetry wherein the beep rate was a function of the temperature in the little electronics package. If you remember something sending code, that sounds like the first Oscar satellite that sent "HI" over and over.

Frank Emens, W4HFU, Huntsville, Alabama
femens@advicom.net

Date: Sun, 5 Oct 1997 11:41:56 -0700
From: "Richard E. Fisher" <ki6sn@pe.net>
To: "'QRP-L'" <qrp-l@Lehigh.EDU>
Cc: "'Richard Fisher, AMSAT'" <KI6SN@amsat.org>
Subject: [28073] FINAL REMINDER: ARS October Spartan Sprint
Message-ID: <01BCD184.50019320@ki6sn>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

The October Spartan Sprint will be held on October 6 (which is our standard date--the first Monday of the month). Since October is a transition month, we will be operating on three bands--80, 40 and 20. DON'T WORRY IF YOUR STATION IS A BIT TUBBY. WE COMMEND THE WINNERS IN TWO CATEGORIES--POINTS, AND POINTS PER POUND.

If you are a newcomer to the Sprints, take a look at the introductory material at the end of this post.

1. Start at 9:00 PM EDT, 8:00 CDT, 7:00 MDT and 6:00 PDT. Finish at 11:00 PM EDT, 10:00 CDT, 9:00 MDT and 8:00 PDT.

2. The frequencies will be 3,560+- Khz, 7040+- KHz, and 14,060+- KHz. (You may operate one, two or three bands--your choice.)

3. Exchange RST, SPC (state, province or country) and power output.

4. If you choose to call CQ, use the format "CQ SP".
5. You can take credit for working the same station on a second band.
6. To encourage QRPers to discover that there is life outside 40 meters, we'll give double points for contacts on 80 and 20 meters.

Our contest manager, Russ Carpenter, will be out of the country in October. So, after the contest, send Richard Fisher, KI6SN, an e-mail with your total QSOs and the total weight of your station (i.e., the combined weight of the transmitter, receiver, key, keyer and battery). You may also include your comments for the soapbox. Richard's email address is KI6SN@aol.com.

As an alternative, you can use our automated Spartan Sprint report at the ARS web site. Just fill in a few boxes, click the "submit" button, and you're done! You can get directly to the report page with this URL: http://www.natworld.com/ars/events/spartan/submit_spartan.html. Or you can take a more leisurely (and rewarding) stroll through the ARS site by going to the home page at <http://www.natworld.com/ars>.

The Spartan Sprint is based on a simple but stimulating concept. We are encouraging all of you to cobble together the kind of station you'd use in a portable environment--lightweight transceiver, keyer, key, and battery. Then put that turkey on the air, and participate in a two hour sprint.

All operators are invited to play, whether or not they are members of Adventure Radio Society. Even if you don't have lightweight equipment, your participation will be rewarding, both for you and the other participants. We'll report the score in two different formats--absolute scores, and points per pound of station weight. So you can get your kicks from running up a magnificent score, or achieving an remarkable ratio of points per pound.

ARS provides handsome certificates to the operators who achieve the top two scores in points, and points per pound.

If you're thinking about becoming a member of Adventure Radio Society, just send Richard Fisher (our membership chairman) an e-mail expressing your interest. Richard's e-mail address is KI6SN@aol.com. Membership is free, and the organization has a great group of men and women who combine their love of ham radio with their affection for the outdoors. You don't need to be a macho person; ARS welcomes people of all ages and levels of ability.

72, Russ Carpenter, AA7QU, Contest Manager russ@natworld.com

Date: Sun, 05 Oct 97 14:07:37 -0500
From: Larry Trullinger <kb0emb@swbell.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [28074] Audio filter PF 300
Message-ID: <199710051902.0AA00081@SWBELL.net>

-- [From: Larry Trullinger * EMC.Ver #2.5.02] --

Gang,

Bought an audio filter yesterday, Palomar model PF 300. Works FB but has a badly burned component on the PCB. Probably a resistor (1/4 W size). Anyone have an idea where I could locate the schematic? Hadn't tried audio filtering before but this should be handy for 40 M during Fox season. Thanks for any help.

72/73 Larry kb0emb

Date: Sun, 5 Oct 1997 12:27:51 +0100
From: Frank G3YCC <g3ycc@gqrpclub.demon.co.uk>
To: jeffj@crl.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [28075] Re: Need Digital VFO
Message-ID: <QDdf90A3m3N0Ewyr@gqrpclub.demon.co.uk>
MIME-Version: 1.0

In message <199710031914.MAA02049@mail.crl.com>, Jeff Jones
<jeffj@crl.com> writes

>I am hoping that some one here on this fine list could point me in the
>right direction. I am looking for a digital VFO kit that I could build. I
>want to build a QRP rig that will be totally controlled by my laptop. So
>hence I need the VFO to start. I have seen the kits advertised but of
>course when I really want to get one I can't find one any where!

>
>Thanks for any and all help!

>

>Jeff

>

>AB6MB

>

The Hands DDS VFO is the bees' knees! Contact Bill at Kanga or
<http://www.rf-kits.demon.co.uk/>
Have fun!

--

Frank G3YCC GQRP 042

QRP Web Page: <http://www.gqrpclub.demon.co.uk>

Packet: G3YCC@GB7HUL

Date: Sun, 05 Oct 1997 14:55:32 -0400 (EDT)
From: n4js@amsat.org
To: qrp-l@Lehigh.EDU
Subject: [28076] ARK4 Final
Message-ID: <XFMail.971005145934.n4js@amsat.org>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 8bit
MIME-Version: 1.0

Has anyone noted the final in the ARK4 (MRF476) to be "delicate?" I discovered mine was blown when I couldn't make any contact in QRP AFIELD on 40M. I blamed the SST at first (I had tuned it with my RF-1.) Then I checked the output of my ARK4...0, zero, zilch!. Just went through it, and have drive, but zero output, so I guess the MRF476 is gone. I ordered some from Dan's, so no big deal. I am not sure when it went, as the ARK4 was working fine the last time I checked it at home.

Sent at 14:59:34 on 05-Oct-97

John L. Sielke n4js@amsat.org n4js@pobox.com
n4js@qsl.net NJ Grid:FM29LN
<http://www.qsl.net/n4js> NJ-QRP #57 QRP-L #884
QRP-ARCI #9328 CQC #443 CQrp #50
NE-QRP #507 G-QRP #9544 NorCal #1989 QCWA FISTS #2781 ARS #243
WIMPS Qs=032 30m=29 17m=3 12m=0 States=09/02/00 Countries=16/02/00

Date: Sun, 5 Oct 1997 15:11:39 -0400 (EDT)
From: NilsBull@aol.com
To: QRP-L@Lehigh.EDU
Subject: [28077] AOLoser problem & request

Message-ID: <971005151137_522450189@emout01.mail.aol.com>

Gang,

This must be the 90th time that I've had to reinstall AOL 'cause it finally crashes permanently and it's reinstall time. It's getting damn annoying, especially since it blows off all my URL link sites (AOLoser calls it "Favorite Places") and I lose all the email that I'd received (and had either read or was preparing to respond to) up to the point of the crashing.

Thus: I have to go looking for some URLs again . . . and I have to ask some folks to resend the mail (if they have it still around) that they'd sent me. The response to my mentioning ADD/ADHD is gone, Bob. So was Dave Haller's address & some stuff that we'd talked about. Notes on the fox hunt. Se fueron. Gone. Verschwunden. Disappeared.

Kinda makes me think that the military junta what once ran some South American country has control of my email. Thousands dead in soccer stadiums. My mail butchered and hung up for the vultures in the Andes. But they'd be condors, wouldn't they? Hmmm. . . .

So, if you sent me some stuff that you wanted me to respond to, you're gonna have to send it again. And yes, I have dropped a big long note on the AOLoser people saying that I was really getting hacked off with this every-three-months hassle. Like clockwork, ne?

Too bad AOL just bought up Compuserve or whatever. Only opposition now is the Bill Gates faction. Lesser of two weevils, ain't it?

Oh, 10 was really cool last night. Heard all them KP4s on. Gonna have to check now, since it's gonna take me weeks to regenerate the links and fave-places bit.

73

Nils

WB8IJJN &c

. . . weird power supply stuff . . . finally got it running a little cooler . . . "a little" is the operative phrase . . . and it's a duplicate of another supply that I built what runs so cool it's cold . . . ach ja, wir haben die Filen des Gringos weggewischen, jefe . . .

Date: Sun, 5 Oct 1997 14:47:47 -0600
From: "Steve Hurst" <shurst@magiclink.com>
To: <qrp-l@Lehigh.EDU>
Subject: [28078] HEY NILS !!!!

Message-ID: <199710052040.QAA272185@nss2.CC.Lehigh.EDU>

MIME-Version: 1.0

Content-Type: text/plain; charset=ISO-8859-1

Content-Transfer-Encoding: 7bit

How's about giving me your URL ??? I had it once but them space hippies came and confiscated it from my hard drive (maybe they work for AOL ?) !
Thanks !!

73,

Steve

KA7NOC (southern Idaho)

<http://www.magiclink.com/web/shurst>

shurst@magiclink.com

Date: Sun, 5 Oct 1997 17:53:06 -0400

From: "Wilford D. Lindsey" <70511.3041@compuserve.com>

To: "INTERNET:n8var@juno.com" <n8var@juno.com>, QRP-L Discussion Group <QRP-L@Lehigh.EDU>, "W.D. (Doc) Lindsey/K0EVZ" <70511.3041@compuserve.com>

Subject: [28079] I'm the Fox for October 8, 00:00z to 02:00z

Message-ID: <199710051756_MC2-22E4-3FB5@compuserve.com>

MIME-Version: 1.0

Content-Transfer-Encoding: 7bit

Content-Type: text/plain; charset=us-ascii

Content-Disposition: inline

Ron:

Well good luck Tuesday (errrr, Wednesday morniiing, UTZ-time!) evening. I hope to be in the hunt...but who knows?! Unfortunately I will be away from the home QTH on a business trip.

I plan to take a barefoot Wilderness Sierra...so will only have 2 watts out. Antenna will probably be the W3EDP 84' long wire put up somewhere. May also have the SLV/W6MMA on hand, but don't know whether there will be a chance to set it up. Keyer will be the Whiterook.

So good luck with the hunt. Thanks for serving as a FOX for all of this year.

72/73,

--Doc/K0EVZ qrp-l 861 norcal 2050 cqc 414 ARS 311 mn-qrp 19 nj-qrp 69
ak/qrp 139 AR QRP 73 ARCI 9398 ARRL WAS 48/38 DXCC 53/42 <><
FOX Total 10/3/97 2 of 2. No N/T+ FOXes have run yet.

OMNI V Sierra Argo 515 Norcal 40a SW-40 49er 38S Mercury Paddles
Emtech ZM-1 MFJ 259 MFJ 941D GAP TNT/2 Windom SLV/W6MMA G5RV
Autek QF-1 RS DSP-40

"Things should be as simple as possible, but no simpler"--A. Einstein

Date: Sun, 5 Oct 1997 17:00:25 -0500
From: randy_ott@juno.com
To: basila@OnRamp.NET
Cc: qrp-l@Lehigh.EDU
Subject: [28080] Re: Compare two QRP kits
Message-ID: <19971005.170548.13886.0.randy_ott@juno.com>

Basil,

I haven't had any experience with the Small Wonder Labs rig but I do have a Ten-Tec 1330 and like it very much. The biggest complaint I have heard about the Ten-Tec is the 1 kHz. bandwidth which can easily be handled with a simple audio bandpass filter. I haven't done that yet, but I haven't missed it either.

For me there is something to be said for a complete kit that doesn't require any scrounging or metal work. Unless, of course, you are in to that sort of thing.

I am considering getting a 40 meter version as well.

Randy, K5HJ

On Sun, 5 Oct 1997 09:19:29 -0600 "Basil (Darin) Arrick"

<basila@OnRamp.NET> writes:

>

> Could someone compare for me the Small Wonder Labs GM-30 and the

>Ten-Tec

>1330 30M kits? The Ten-Tec, although \$20 more, seems to be a good

>deal, as

etc....

End of QRP-L Digest 869
